

Attorney Docket No.: Enz-5(D8)(C2)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Dean L. Engelhardt et al.

Serial No.: 08/486,069 Group Art Unit: 1631

Filed: June 7, 1995 Examiner: Ardin H. Marschel,  
Ph.DFor: NUCLEIC ACID SEQUENCING PROCESSES USING MODIFIED NUCLEOTIDES  
OR NUCLEOTIDE ANALOGS, AND OTHER PROCESSES FOR NUCLEIC ACID  
DETECTION AND CHROMOSOMAL CHARACTERIZATION USING SUCH  
MODIFIED NUCLEOTIDES OR NUCLEOTIDE ANALOGS

Confirmation No.:

**CERTIFICATE OF FACSIMILE TRANSMISSION**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I hereby certify that the attached correspondence (total of 149 pages  
including this sheet) comprising:Fourth Supplemental Amendment To Applicants'  
December 31, 2003 Amendmentwas sent to the United States Patent and Trademark Office by telefax to (703)  
872-9306.

Date: January 21, 2005

Respectfully submitted,

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Enz-5(D8)(C2)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	Dean Engelhardt et al.	)	Int'l. Ref. No. 10/110,011
Serial No.:	08/486,069	)	Group Art Unit: 1631
Filed:	June 7, 1995	)	Ex't: Ardin H. Marschel, Ph.D.
For:	NUCLEIC ACID SEQUENCING PROCESSES USING MODIFIED NUCLEOTIDES OR NUCLEO- TIDE ANALOGS, AND OTHER PROCESSES FOR NUCLEIC ACID DETECTION AND CHROMO- SOMAL CHARACTERIZATION USING SUCH MODIFIED NUCLEOTIDES OR NUCLEOTIDE ANALOGS	)	RECEIVED JAN 21 2005 U.S. PATENT AND TRADEMARK OFFICE CUSTODIAN OF PATENTS

527 Madison Avenue, 9th Fl.  
New York, NY 10022-4304  
January 21, 2005

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TO: 703-872-9306  
Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

FOURTH SUPPLEMENTAL AMENDMENT  
(TO APPLICANTS' DECEMBER 31, 2003 AMENDMENT)

Sir:

This paper (Fourth Supplemental Amendment) follows Applicants' September 28, 2004 Third Supplemental Amendment, their September 14, 2004, Second Supplemental Amendment, their July 13, 2004 Supplemental Amendment, and their December 31, 2003 Amendment, the latter having been filed in response to the July 1, 2003 Office Action. Because there is no outstanding office action issued since the July 1, 2003 Office Action, no extension request or fee is believed due for this paper.<sup>1</sup> Authorization for any such request or fee is provided, however, on the last page of this paper should it be deemed that any such request or fee is required.

<sup>1</sup> A Request For Extension Of Time (3 Months) and authorization for the fee was submitted with Applicants' December 31, 2003 Amendment.

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Dean L. Engelhardt et al., Serial No.: 08/486,069 (Filed: June 7, 1995)

Page 2 [Fourth Supplemental Amendment To Applicants' December 31, 2003 Amendment – January 21, 2005]

CERTIFICATE OF TRANSMISSION	
I hereby certify that this paper (Fourth Supplemental Amendment To Applicants' December 31, 2003 Amendment) (along with any documents referred to as attached or enclosed) is being facsimile transmitted to the United States Patent and Trademarks (Fax No. 703-872-9306) on January 21, 2005.	
<u>JAN 21 2005</u> Date	 Ronald C. Fedus Reg. No. 32,567

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

Remarks begin on page 145 of this paper.

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